Philips
LCD widescreen monitor

22" wide
WSXGA

220BW8EB

Bigger, wider screen: better business productivity

With a big, widescreen, performance-enhancing comfort, value-added convenience features and great cost benefit ratio, the 220BW8 is the smart choice for business productivity - and is ready for immediate or future upgrade to Windows Vista.

Designed for maximum productivity
- Tilt, swivel and height-adjust for an ideal viewing position
- Big, widescreen ideal for viewing two A4 pages side-by-side

Best total cost of ownership solution
- Empowered for Windows Vista
- Complies with RoHS standards to care for the environment
- Power consumption below the industry average

Outstanding front of screen performance
- WSXGA+, wide format 1680x1050 resolution for sharper display
- 5ms fast response time
- DVI-D input and HDCP support

Great convenience
- Dual input accepts both analog VGA and digital DVI signals
- Built-in speakers for audio without desktop clutter
- Adjust display settings with hot key or on-screen controls

PHILIPS
sense and simplicity

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Highlights

Widescreen
A big, widescreen display that improves productivity by displaying two A4 pages side-by-side.

Windows Vista ready
Philips Vista-ready monitors are empowered for vibrant, exciting display of this new, visually sophisticated and demanding Windows operating system, designed to enhance your entertainment experience, make you more productive and help you control your computing experience at home and in the office, making viewing, finding and organizing information for work or play quick, efficient and easy.

Compliant with RoHS standards
Philips designs and produces display products in compliance with strict Restriction of Hazardous Substances (RoHS) standards that restrict lead and other toxic substances that can harm the environment.

Lower power consumption
Reduction of the electrical power required to operate a device.

WSXGA+, wide format 1680x1050
Wide format, super extended graphics array is a display specification that is capable of displaying 1680 x 1050 resolution or approximately 1.7 million pixels.

5ms on/off response time
On-Off response time is the period required for a liquid crystal cell to go from active (black) to inactive (white) and back to active (black) again. It is measured in milliseconds. Faster is better: Lower response time means faster transitions and, therefore, results in fewer visible image artifacts in the display of transition of texts and graphics. On-Off response time is a more important measure in the display of business content like documents, graphs and photos.

HDCP ready
High-Bandwidth Digital Content Protection (HDCP) is a copyright protection system that is incorporated into the DVI connector. It helps stop unauthorized duplication of copyrighted content. HDCP allows you to play protected content media such as movies and concerts. It checks the signal to prevent piracy, allowing only legal copies of content to display.

Dual input

VGA connector DVI connector

Dual input provides connectors to accommodate input of both analog VGA and digital DVI signals.

Built-in speakers
Audio speakers built into a display device.

User friendly hot key and OSD
The user friendly hot key and on-screen display controls are dual systems for conveniently fine-tuning display settings to meet a variety of needs. Press the hot key on your monitor's frame for automatic picture, quick contrast and brightness control or use the on-screen display feature to fine-tune your display settings.

SmartErgoBase Built-in Speakers WideScreen 5ms HDCP ready sRGB VGA dvi DualInput Lead Free!

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Specifications

Picture/Display
- LCD panel type: 1680 x 1050 pixels, Anti-glare polarizer, RGB vertical stripe
- Panel Size: 22" / 55.9 cm
- Effective viewing area: 474 x 296 mm
- Pixel pitch: 0.282 x 0.282 mm
- Brightness: 300 cd/m²
- Contrast ratio (typical): 1000:1
- Display colors: 16.7 M
- Viewing angle: 160° (H) / 160° (V), @ C/R > 10
- Response time (typical): 5 ms
- White Chromaticity, 6500K: x = 0.313 / y = 0.329
- White Chromaticity, 9300K: x = 0.283 / y = 0.297
- Maximum Resolution: 1680 x 1050 @ 60Hz
- Optimum Resolution: 1680 x 1050 @ 60Hz
- Video Dot Rate: 205 MHz
- Horizontal Scanning Frequency: 30 - 83 kHz
- Vertical Scanning Frequency: 56 - 75 Hz
- Aspect ratio: 16:10
- sRGB

Connectivity
- Signal Input: VGA (Analog), DVI-D
- Sync Input: Composite Sync, Separate Sync, Sync on Green
- Video input impedance: 75 ohm
- Sync input impedance: 2.2k ohm
- Video input signal levels: 0.7 Vpp

Convenience
- User convenience: On-screen Display
- Monitor Controls: Auto, Brightness (Left), Contrast (Right), Menu, Power On/Off
- OSD Languages: English, French, German, Italian, Russian, Spanish
- Other convenience: Kensington lock compatible
- Plug & Play Compatibility: DDC/CI, sRGB, Windows 98/ME/2000/XP/Vista
- Regulatory Approvals: CE Mark, Energy Star, FCC Class B, SEMKO, TÜV/GS, TÜV Ergo, UL/cUL
- Tilt: -5° to 20°
- Swivel: +/-45°
- VESA Mount: 100 x 100 mm
- Built-in Audio: 1 W x 2

Accessories
- Included Accessories: AC Power Cord, VGA cable, DVI-D cable, Audio Cable
- User Manual

Dimensions
- Box dimensions (W x H x D): 565 x 420 x 295 mm
- Box dimensions in inch (W x H x D): 22.2 x 16.5 x 11.6 inch
- Set dimensions (W x H x D): 513.76 x 336.10 x 67.34 mm
- Set dimensions in inch (W x H x D): 20.2 x 13.2 x 2.7 inch
- Set dimensions with stand (W x H x D): 513.76 x 368.25 x 230.25 mm
- Set dimensions with stand in inch (W x H x D): 20.2 x 14.5 x 9.1 inch
- Height adjustment range: 130 mm
- MTBF: 50,000 hrs
- Relative humidity: 20% - 80%
- Temperature range (operation): 5°C to 35°C
- Temperature range (storage): -20°C to 60°C
- Product weight (+stand): 7.7 kg
- Product weight (+stand) (lb): 17.0 lb
- Weight incl. Packaging: 9.6 kg
- Weight incl. Packaging (lb): 21.2

Power
- Complies with: Energy Star
- Consumption (On mode): < 49 W (Typical)
- Consumption (Off Mode): < 1 W
- Power LED indicator: Stand by/sleep - Amber, Operation - green
- Power supply: Built-in, 100-240VAC, 50/60Hz

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